



27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII)
On

Recent Advances in Chemical Science

Jointly Organised by SPS, JNU and Deptt of Chemistry, BHU in association with IAPS
Prayagraj India. October 26-28, 2021 (ONLINE MODE)

Scientific Programme

26th Oct 2021 [Time IST (GMT +5:30)]

11:25-12:00	Inauguration session	Prof. Jagadesh Kumar , Hon'ble VC, JNU Prof. Anil K. Tripathi , Director Isc, BHU Prof. Kedar Singh , Dean, SPS, JNU Prof. Ram Sagar, SPS, JNU & Prof. Vinod K Tiwari BHU
12:00-12:50	Chief Guest Lecture 1	Dr Anil Kumar Mishra Director, Institute of Nuclear Medicine & Allied Sciences, DRDO, India <i>Title: Chemistry to Clinics</i>
12:50-13:00	Vote of Thanks	Dr. Vijay Goel, SPS, JNU
13:00-14:30	Lunch Break	
	Session 1	Chair : Prof. Y. D. Vankar IISER Trivendrum
14:30 - 15:15	Key Note Lecture 2	Prof Roland J Pieter's Utrecht University, Netherlands <i>Title: The use of multivalent carbohydrates against pathogenic targets</i>
15:15 -16:00	Key Note Lecture 3	Prof. Yves Blériot University of Poitiers, France <i>Title: Merging Superacid and Carbohydrate Chemistries to explore Glycosylations.</i>
16:00 -16:45	Key Note Lecture 4	Prof Seung Lee University of Southampton, United Kingdom <i>Title: Tackling antimicrobial resistance utilising bacteria's own signalling or metabolic pathways</i>

17:00– 17:45	Key Note Lecture 5	Prof Charles Gauthier INRS, Laval (Québec), Canada <i>Title: Total Synthesis of Microbial Glycans: Burkholderia Species as a Source of Inspiration</i>
--------------	-----------------------	---

27th Oct 2021 [Time IST (GMT +5:30)]

	Session 2	Chair: Prof. D. S. Pandey, BHU
10:00 – 10:45	Key Note Lecture 5	Prof. Subi George , JNCASR Bangalore <i>Title: Reaction-Coupled Supramolecular Polymers</i>
10:45-11:30	Fellow Award Lecture	Prof R Ramraj , FNA, FASc, FNASc, Madurai Kamaraj University, Madurai-625 021 <i>Title: Nanostructured Materials Incorporated in Functionalized Polymers and their Applications</i>
11:30-12:15	Key Note Lecture 6	Prof. Rajiv Gupta , Delhi University <i>Title: Molecular Assemblies and Coordination rs Offering Hydrogen Bonding Cavities</i>
12:15-12:35	IL1	Prof. Vandana Singh , Allahabad University Prayagraj <i>Title: Polysaccharide nanomaterials: Synthesis and Applications</i>
	Session 3	Chair: Dr Sobhan Sen /Dr Vijay Goel, , SPS, JNU
12:35-12:55	IL2	Dr Anil Kumar , BITS Pilani <i>Title: Radical C-H functionalization of Aza- heterocyclic Compounds</i>
12:55-13:15	IL3	Dr KB Joshi , Dr. Harisingh Gour Vishwavidyalaya Sagar <i>Title: Fascinating Nanomaterials of Short Peptide ates for Energy and Biomedical Applications</i>
13:15-13:35	IL4	Dr Apurba Koner , IISER Bhopal <i>Title: Understanding Sub-cellular Physical Properties with Molecular Reporter</i>
13:35-14:00	Lunch Break	

	Session 4	Chair : Dr. R.P. Tripathi, CDRI Lucknow/Prof. S.K. Pandey, BHU
14:00-14:20	IL5	Dr. Kumud Tripathi , Indian Institute of Petroleum and Energy, Visakhapatnam <i>Title: Sustainable Nanocatalyst for Visible Light Induced Production of Green Hydrogen</i>
14:20 – 14:40	IL6	Dr Jyotirmoy Sharma , Assam Kaziranga University Jorhat <i>Title: Hard water as a flocculating agent for iron ore tailings and management of beneficiation waste: An overview</i>
14:40 – 15:00	IL7	Dr Roli Mishra , Institute of Advanced Research, Gandhinagar, Gandhi Nagar <i>Title: Ionic Liquids: A Smart Platform for Organic Reaction</i>
15:00 -15:20	IL8	Dr V K Rai , GG Vishwavidyalaya, Bilaspur <i>Title: Visible-Light Induced Photoredox Catalysis in Cascade Reactions</i>
15:20 -15:40	IL9	Dr P Sasikumar , Presidency University, Kolkata <i>Title: Water Remediation Using Surface Modified Mixed Nano-Metal Oxide: A Lab to Field Performance Study</i>
15:40 -17:00	OP1-OP8	Chair : Dr. Ram Prasad Prajapati, SPS, JNU/Dr. Supriya Sabbani, SPS, JNU

28th Oct 2021 [Time IST (GMT +5:30)]

	Session 5	Chair : Prof. Vibha Tandon, SCMM, JNU
10:00-10:45	Key Note Lecture 6	Prof Maya Shankar Singh , BHU <i>Title: The Wonderful Chemistry of α-Enolic dithioesters: A Sustainable Approach towards C-C and C-X Bonds Formation</i>
10:45 11:30	Key Note Lecture 7	Prof Santanu Mukherjee , IISc Bangalore <i>Title: Breaking Symmetry: Challenges & Opportunities</i>
11:30-12:50	IL10	Prof Goutam Brahmachari , Visva-Bharati <i>Title: The practice of green chemistry: our sincere</i>

		<i>efforts with coumarin-based small molecules.</i>
12:50-13:10	IL11	Dr Nidhi Goel , Deptt of Chemistry, BHU <i>Title: Metal-Organic Frameworks as Chemical Sensors for Environmental Pollutants</i>
13:10-13:30	IL12	Dr Sanjib Gogoi , CSIR Jorhat <i>Title Metal catalyzed Alkyne Annulation Reaction for the synthesis of Important Heterocycles:</i>
13:30-14:00	Lunch Break	
	Session 6	Chair : Prof. Manish Kumar, SPS, JNU/Prof. Rajkumar Mishra, BHU
14:00 -14:20	IL13	Dr R. P. Singh , IGN Tribal University Amarkantak <i>Title: Utility of biofunctionalization of nanoparticles</i>
14:20 -14:40	IL14	Dr M.P. Sadashiva , Mysore University, Mysore <i>Title: Dithioesters: A Versatile Reagent for the Synthesis of Biologically Significant Heterocycles.</i>
14:40 -15:00	IL15	Dr. Rampal Pandey , National Institute of Technology Uttarakhand, Srinagar <i>Title: Utility of Metal-Organic Frameworks in Catalysis Electrocatalysis and Molecular Detection</i>
15:00 -15:20	IL16	Dr Chhama Awasthi , DST Govt of India, Delhi <i>Title: Efforts from the government for reducing the gender gap in science</i>
	Session 7	Chair : Dr. Pawan K Kulriya, SPS, JNU/Prof. Virendra Prasad
15:20 -15:40	IL17	Dr Ashutosh Gupta UP College, Varanasi <i>Title: Investigating Mechanism of Conversion of a Scabies Treatment Drug into an Alcohol Aversion Drug:Role of its Analogues in Stabilization of All-Metal Cluster Aromatic Compounds</i>
15:40 -16:00	IL18	Dr Nitesh Jaiswal , Veer Bahadur Singh Purvanchal University Jaunpur <i>Title: Recent development in synthesis and biological application of organotin complexes</i>
16:15-16:10	IL19	Dr Prashant Dubey , University of Allahabad <i>Title: Synthesis and photoluminescence property of water soluble carbon dots via natural precursor</i>

16:10-16:20	IL20	Dr Arun Kumar , NISER, Bhubaneswar <i>Title: The Age of Science: Galloping pace and some Paradigm</i>
16:20 -17:00	Valedictory Vote of Thanks by Prof. Mritunjay Dev Pandey, BHU	